

DATH NAME	はいません	#LVG	TMINT	
TITUM TITLE	ENIKANCE	ይለ ተ ፤	TINI	INTERMEDIATE PATH
РАТН	TRANSMISSION	TRANSMISSION	ACTIVE PATH	TRANSMISSION APPARATUS 32#C,32#D,AND 32#F
- 1	32#A	32#G	RESERVE PATH	TRANSMISSION APPARATUS 32#B.32#D.AND 32#E
•	•	•		
•	•	•		•
•	•	•	,	•

PATH	POINT			QUALITY I	NFORMATIO	N
NAME	POINT		PRESENT TIME	PRESENT -T1×1		PRESENT -T1×n
	ENTRANCE					
	EXIT					
	(entrance-ex quality	it)				
	QUALITY DETERIORATI	ON				
	ACTIVE PATH		-			
	INTERMEDIATE POINTS	:		:	:	:
ĺ	RESERVE PATH INTERMEDIATE POINTS	•				
	FOINIS				,	
	•		•	•	•	•
•	•		•	•	•	•

FIG.7

			QU	ALITY		
POINT		PRESENT TIME	PRESENT -T1×1	PRESENT -T1×2	• • •	PRESENT -T1×n
ENTRANCE (A)		0	0	0		0
EXIT(B)		3	3	0	• • •	0
(entrance-ex	it)	-3	-3	0		0
QUALITY DETERIORATION		DETERIORATED	DETERIORATED	NOT DETERIORATED	• • •	NOT DETERIORATED
ACTIVE PATH	(C)	0	_	_		_
INTERMEDIATE POINTS	(D)	0	_	_	• • •	_
POINTS	(F)	3	_	_		
DECEDUE DAMII	(B)	0	_	_		
RESERVE PATH INTERMEDIATE	(D)	0	_	_		
POINTS	(E)	0	_	_		_

CONDITION FOR READING QUALITY INFORMATION OF INTERMEDIATE PATH: (entrance-exit)quallity BECOMES A NEGATIVE VALUE

DOTNE				QUALITY		
POINT	POINT		PRESENT -T1×1	PRESENT -T1×2		PRESENT -T1×n
ENTRANCE (A)		0	0	0	• • •	0
EXIT(B)		3	8	3	• • •	0
(entrance-extrapolate) quality	it)	-3	-8	-3	• • •	0
THRESHOLD V	THRESHOLD VALUE			-5		
QUALITY DETERIORATION		NOT DETERIORATED	DETERIORATED	NOT DETERIORATED	• • •	NOT DETERIORATED
	(C)	0	_	-	• • •	_
ACTIVE PATH INTERMEDIATE	(D)	0	_	_		_
POINTS	(F)	3	_	_		_
	(B)	0	_	_		_
RESERVE PATH INTERMEDIATE	(D)	0		_	• • •	_
POINTS	(E)	0		_		_

CONDITION FOR READING QUALITY INFORMATION OF INTERMEDIATE PATH: (entrance-exit) quallity < THRESHOLD VALUE

						
]		QUALITY		
POINT		PRESENT TIME	PRESENT -T1×1	PRESENT -T1×2		PRESENT -T1×n
ENTRANCE (A)		0	0	0		0
EXIT(B)		3	8	8		0
(entrance-exiquality	t)	-3	-8	-8		0
THRESHOLD VA	LUE			-5		
CONSECUTIVE NUMBER		0	2	1		_
QUALITY DETERIORATION	QUALITY DETERIORATION		DETERIORATED	NOT DETERIORATED		NOT DETERIORATED
ACTIVE PATH	(C)	0	_	_	• • •	_
INTERMEDIATE	(D)	0	_	_		
POINTS	(F)	3		_		_
	(B)	0	-	_	• • •	_ '
RESERVE PATH INTERMEDIATE	(D)	0	_	_		_
POINTS	(E)	0	_	_		_

CONDITION FOR READING QUALITY INFORMATION
OF INTERMEDIATE PATH: (entrance-exit) quallity
< THRESHOLD VALUE TWO CONSECUTIVE OR MORE

	=					
				QUALITY		
POINT		PRESENT TIME	PRESENT -T1×1	PRESENT -T1×2	PRESENT -T1×3	
ENTRANCE (A)		0	0	0	0	
EXIT(B)		3	8	0	8	
(entrance-exi quality	t)	-3	-8	0	-8	
THRESHOLD VA	ALUE			-5		
TOTAL NUMBER		0	2	1	1	
QUALITY DETERIORATION		DETERIORATED	DETERIORATED	NOT DETERIORATED	NOT DETERIORATED	
ACTIVE PATH	(C)	0	_	-		• • •
INTERMEDIATE	(D)	0	_	_		
POINTS	(F)	3	-	_		
	(B)	0	_	_		
RESERVE PATH INTERMEDIATE	(D)	0	-	-		• • •
POINTS	(E)	0		_		

CONDITION FOR READING QUALITY INFORMATION OF INTERMEDIATE PATH: (entrance-exit) quallity < THRESHOLD VALUE TWICE OR MORE IN TOTAL

		1				
POINT				QUALITY		
FOINI		PRESENT TIME	PRESENT -T1×1	PRESENT -T1×2		PRESENT -T1×n
ENTRANCE(A)		0	0	0		0
EXIT(B)		3	- 8	6		0
(entrance-exi quality	it)	-3	-8	-6		0
THRESHOLD V	ALUE			-5		
QUALITY DETERIORATIO	QUALITY DETERIORATION		DETERIORATED	DETERIORATED	• • •	NOT DETERIORATED
ACTIVE PATH	(C)	0	0	0		
INTERMEDIATE POINTS	(D)	0	0	0		_
FOINIS	(F)	3	8	6	• • •	_
	(B)	0	0	0.		_
RESERVE PATH INTERMEDIATE	(D)	0	0	0	• • •	
POINTS	(E)	0	0	0		_
QUALITY COMPARISON BETWEEN ACTIVE SYSTEM AND RESERVE SYSTEM		ACTIVE- RESERVE=8	ACTIVE- RESERVE=8	ACTIVE- RESERVE=6		-
THRESHOLD VA	LUE			7		
CHANGEOVER TO RESERVE PATH)	_	PERFORM	_	• • •	_

CONDITION FOR CHANGING OVER TO RESERVE PATH: VALUE OF QUALITY COMPARISON BETWEEN ACTIVE SYSTEM AND RESERVE SYATEM > THRESHOLD VALUE

DOTAIM				QUALITY		
POINT		PRESENT TIME	PRESENT -T1×1	PRESENT -T1×2		PRESENT -T1×n
ENTRANCE (A)	0	0	0	0		0
EXIT(B)		8	8	· 6		0
(entrance-exi quality	t)	-8	-8	-6		0
THRESHOLD VA	ALUE			-3		
QUALITY DETERIORATION		DETERIORATED	DETERIORATED	DETERIORATED		NOT DETERIORATED
ACTIVE PATH INTERMEDIATE ((C)	0	0	0	• • •	_
	(D)	0	0	0		_
POINTS	(F)	8	8	3		_
DECEDUE DAMU	(B)	0	0	0		_
RESERVE PATH INTERMEDIATE	(D)	0	0	0		_
POINTS	(E)	0	0	0		_
QUALITY COMPARISON BETWEEN ACTIVE SYSTEM AND RESERVE SYSTEM		ACTIVE- RESERVE=8	ACTIVE- RESERVE=8	ACTIVE- RESERVE=3		_
THRESHOLD VALUE				5		
CONSECUTIVE NUMBER		2	1	_		_
CHANGEOVER TO RESERVE PATH		PERFORM	_			_

CONDITION FOR CHANGING OVER TO RESERVE PATH: RESULT OF QUALITY COMPARISON BETWEEN ACTIVE SYSTEM AND RESERVE SYSTEM EXCEEDS THRESHOLD VALUE TWO CONSECUTIVE TIMES OR MORE

DOTAIM				QUALITY	
POINT		PRESENT TIME	PRESENT -T1×1	PRESENT -T1×2	 PRESENT -T1×n
ENTRANCE (A)		0	0	0	 0
EXIT(B)		3	8	8	 0
(entrance-exi quality	t)	-3	-8	-8	 0
THRESHOLD V	ALUE			-5	
CONSECUTIVE NUMBER		0	2	1	 _
QUALITY DETERIORATION	N	NOT DETERIORATED	DETERIORATED	NOT DETERIORATED	 NOT DETERIORATED
ACMITTE DAME	(C)	0	0	0	 _
ACTIVE PATH INTERMEDIATE	(D)	0	0	0	 _
POINTS	(F)	3	8	8	 _
DECEDIE DAMI	(B)	0	0	0	
RESERVE PATH	(D)	0	0	0	 _
POINTS	(E)	0	. 0	0	 _
QUALITY COMPARISON BETWEEN ACTIVE SYSTEM AND RESERVE SYSTEM		ACTIVE> RESERVE	ACTIVE> RESERVE	ACTIVE> RESERVE	 ~
CONSECUTIVE NUMBER	4	3	2	1	 _
CHANGEOVER TO RESERVE PATH		PERFORM	_	_	 _

CONDITION FOR CHANGING OVER TO RESERVE PATH : ACTIVE SYSTEM QUALITY > RESERVE QUALITY THREE CONSECUTIVE TIMES

DOTNE				QUALITY		
POINT		PRESENT TIME	PRESENT -T1×1	PRESENT -T1×2		
ENTRANCE (A)		0	0	0	0	
EXIT(B)		10	8	8	10	
(entrance-ex quality	it)	10	-8	-8	-10	
THRESHOLD V	ALUE			-5		
QUALITY DETERIORATION	ON	DETERIORATED	DETERIORATED	DETERIORATED	DETERIORATED	
	(C)	0	0	0	0	• • •
ACTIVE PATH INTERMEDIATE POINTS	(D)	0	0	0	0	• • •
	(F)	10	8	8	10	
	(B)	0	0	0	0	
RESERVE PATH INTERMEDIATE	(D)	0	0	0	0	
POINTS	(E)	0	0	0	0	
QUALITY COMPARISON BETWEEN ACTIVE SYSTEM AND RESERVE SYSTEM		ACTIVE- RESERVE=10	ACTIVE- RESERVE=8	ACTIVE- RESERVE=8	ACTIVE- RESERVE=10	
THRESHOLD VALUE				9		
WHETHER THRESH VALUE HAS BEEN EXCEEDED TWICE PAST FOUR TIME	IN	EXCEEDED	NOT EXCEEDED	NOT EXCEEDED	NOT EXCEEDED	• • •
CHANGEOVER TO RESERVE PATH)	PERFORM	_	_	_	• • •

CONDITION FOR CHANGING OVER TO RESERVE PATH:
RESULT OF QUALITY COMPARISON BETWEEN ACTIVE
SYSTEM AND RESERVE SYSTEM EXCEEDS THRESHOLD
VALUE TWICE OR MORE IN PAST FOUR TIMES

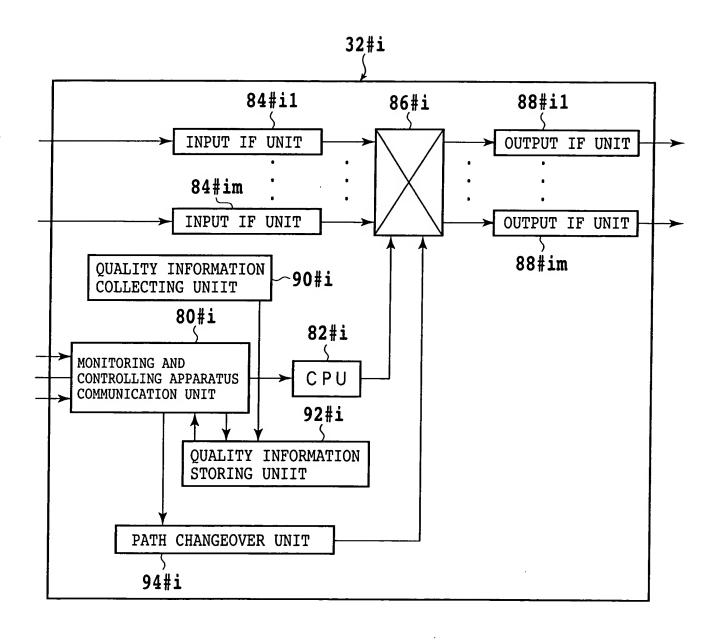


FIG. 16A

DOTUM	·	QUALITY				
POINT	PRESENT TIME	PRESENT-T1×1	PRESENT-T1×2		PRESENT-T1×n	
ENTRANCE (A)	0	0	0		0	
EXIT(B)	0	0	0		0	

FIG. 16B

POINT		QUALITY				
		PRESENT TIME	PRESENT-T1×1	PRESENT-T1×2		PRESENT-T1×n
ENTRANCE (A)	0	0	0	• • •	0
EXIT(B)		3	3	0		0
(entrance-exit) quality		-3	-3	0		0
QUALITY DETERI	ORATION	DETERIORATED	DETERIORATED	NOT DETERIORATED		NOT DETERIORATED
ACTIVE PATH	(C)	0	_	_		-
INTERMEDIATE	(D)	0	_	_	• • •	_
POINTS	(F)	3	_	_		_

CONDITION FOR READING QUALITY INFORMATION OF INTERMEDIATE PATH: (entrance-exit)quallity BECOMES A NEGATIVE VALUE

FIG. 16C

POINT		QUALITY				
		PRESENT TIME	PRESENT-T1×1	PRESENT-T1×2	• • •	PRESENT-T1×n
ENTRANCE (A)		0	0	0		0
EXIT(B)		3	3	0	• • •	l o
(entrance-exit) quality		-3	-3	0	• • •	0
QUALITY DETERIORATION		DETERIORATED	DETERIORATED	NOT DETERIORATED	• • •	NOT DETERIORATED
ACTIVE PATH INTERMEDIATE POINTS	(C)	0				
	(D)	0	_	_	• • •	
	(F)	3	_	-	• • •	
RESERVE PATH INTERMEDIATE POINTS	(B)	0	_	_		
	(D)	0		_		-
	(E)	0	_	_	• • •	

CONDITION FOR CHANGE OVER TO RESERVE PATH:

ACTIVE > REESERVE